

# ROSS MACDONALD

Full Stack Web Developer

## PROFESSIONAL SUMMARY

Detail-oriented full-stack software engineer with a knack for conceptualizing and delivering elegant, user-friendly solutions. Proficient writing clean, scalable code within an assortment of technologies, including React, Node.js, Express.js, and PostgreSQL. Passion for experimenting with emerging technologies, current trends, and programming languages. Looking for an entry-level position to contribute, collaborate with other developers, and become an eventual leader within your team.

## TECH

JavaScript/ES6	React	HTML5
CSS3	NodeJS	Express.js
jQuery	Jest	PostgreSQL
Git/GitHub	Terminal	React Native

## SKILLS

Front End Development	DOM Manipulation
User Interfaces (UI)	Computer Science Fundamentals
Responsive Web Design	Debugging/Testing/QA
Relational Databases	RESTful APIs
Slack	Leadership
Time Management	Collaboration
Communication	Accountability
Autonomy	

## EDUCATION

Arizona State University

Tempe, Arizona • 2016

BS, Criminal Justice & Criminology, *cum laude*

## CONTACT

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☎ (609) 610-2877

[portfolio](#) | [linkedin](#) | [github](#)

## TECHNICAL EXPERIENCE

### Bloc Web Development Program

- Learned industry best practices and practical software engineering standards, focused on JavaScript, HTML5, CSS3, React, Node.js, jQuery, and algorithms & data structures.
- Created and deployed mobile-first web applications from code design to production while learning new languages and frameworks by collaborating several hours every week with a senior web developer.
- Researched new technologies, software packages and frameworks for use in web pages.
- Employed search engine optimization (SEO) tactics to increase reach of targeted audience.

### Find Your Park - [findyourpark.netlify.app](#)

**Description:** Full-stack application that allows users to search for California parks, sign up for an account, and log in to leave comments.

- **Featured as a project of the month on CareerKarma.com.**
- Extensive integration of functional components with React hooks.
- React on client side with CSS using no design libraries.
- Node.js server written with Express on the back-end.
- JSON Web Token authentication with bcrypt hashing for password security.
- Mobile app built with React Native now available on the App Store.
- Implementation of CSS transformations & animations for improved user interface.

### Hearsay - [hearsay-app.now.sh](#)

**Description:** Platform to log encounters with law enforcement and discuss criminal justice issues.

- Responsive React and vanilla CSS front-end.
- Use of Context API for global state management.
- Node.js with Express and PostgreSQL on the back-end.
- JSON Web Tokens used for user authentication.

### Meal Generator - [rmac2289.github.io/mealGenerator/](#)

**Description:** Single-page app for meal planning.

- Responsive design using JavaScript, jQuery, semantic HTML and CSS.
- Instituted and maintained A11Y accessibility best practices.
- Calls to multiple endpoints on the Spoonacular API to retrieve meal planning data.
- Search tool that allows users to narrow down results using different criteria.

## WORK EXPERIENCE

### City of Mountain View

Acting Public Safety Dispatch Supervisor  
Public Safety Dispatcher II

July 2020 — Present  
April 2019 — July 2020

- Spearheaded team of dispatchers to effectively maintain state specifications of answering 95% of 911 calls within 15 seconds.
- Triaged 911 and non-emergency calls for police, fire and medical.
- Exercised initiative and sound judgment by making impactful decisions in a fast-paced environment while utilizing available technology.
- Utilized cross-functional team experience to more efficiently accomplish common goals.

### County of Marin

Communications Dispatcher

March 2017 — April 2019

- Taught coworkers more efficient means of problem solving and carrying out tasks.
- Thrived in a high-stress, collaborative environment.
- Trained and mentored multiple employees within one year of starting.